Atty. Docket No.: 30287-15 Express Mail Label No.: EV292297129US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:					
	John H. SANTHOFF et al.)			
Serial No.:	To be assigned)			
Filed:	November 21, 2003)			
For:	BRIDGED ULTRA-WIDEBAND COMMUNICATION METHOD AND APPARATUS)))			

San Diego, California November 21, 2003

MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir or Madam:

In accordance with 37 C.F.R. § 1.56, Applicants make the documents listed on the enclosed form PTO/SB/08 (submitted in duplicate) of record in the above-identified application. In accordance with 37 C.F.R. § 1.97, this statement is not to be construed as a representation that a search has been made, and is not a representation that the information cited is effective as prior art to the application or is material to patentability.

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence, and anything being referred to as enclosed herein, is being deposited with the United States Postal Service via Express Mail Post Office to Addressee Label No. EV292297129US, with sufficient postage in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Date: November 21, 2003

Gregory P. Austin

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Copies of the foreign patent document and non-patent literature listed on the enclosed form PTO/SB/08 are enclosed.

Copies of the U.S. patents and U.S. patent application publications listed on the enclosed form PTO/SB/08 are not enclosed, in accordance with the waiver of the requirement of 37 C.F.R. § 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 that appears in the Official Gazette Notice dated August 5, 2003 and entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications Filed After June 30, 2003".

It is respectfully requested that the documents listed on the enclosed form PTO/SB/08 be (1) fully considered by the U.S. Patent and Trademark Office in the examination of the above-identified application; and (2) printed on any patent which may issue on this application. It is also respectfully requested that a copy of the enclosed form PTO/SB/08, as considered and initialed by the Examiner, be returned to the undersigned with the next communication in accordance with M.P.E.P. § 609.

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This Information Disclosure Statement is filed within three months of the filing date of the above-identified application, pursuant to 37 C.F.R. 1.97(b). Therefore, it is believed that no fee is required in connection with this submission. In the event that a fee is required, please charge our Deposit Account No. 50-2298, in the name of Luce, Forward, Hamilton & Scripps LLP.

Respectfully submitted,

Date

Peter R Martinez, Reg No. 42,845

Attorney for Applicant(s)

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PTO/SB/08A (10-01)
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7	Substitute for form 1449A	/PTO		Col	mplete if Known	
				Application Number	To be assigned	
	INFORMATIO	N DI	SCLOSURE	Filing Date	November 21, 2003	
	STATEMENT	BY	APPLICANT	First Named Inventor	John H. SANTHOFF et al.	
				Art Unit	To be assigned	
	(use as many s	heets as	s necessary)	Examiner Name	To be assigned	
	Sheet 1	of	4	Attorney Docket Number	30287-15	

			U.S. PATI	ENT DOCUMENTS	
Examiner Initials		Document Number Number - Kind Code ² (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 3,678,204	07/18/1972	HARMUTH	
		US- 3,728,632	04/17/1973	ROSS	
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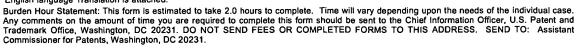
FOREIGN PATENT DOCUMENTS							
Examiner Initials		Foreign Patent Document Country Code3 "Number4" - Kind Code3 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T'	
	.,	WO 01/93434 A2	12/06/2001	Martin ROFHEART et al.			
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Compl te if Known Substitute for form 1449A/PTO To be assigned **Application Number** INFORMATION DISCLOSURE Filing Date November 21, 2003 STATEMENT BY APPLICANT John H. SANTHOFF et al. **First Named Inventor** Art Unit To be assigned (use as many sheets as necessary) To be assigned **Examiner Name** Attorney Docket Number Sheet of 4 30287-15

		U.S. PATE	ENT DOCUMENTS	
Examiner Initials	 Document Number Number - Kind Code ² (<i>if known</i>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	_,	
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE

STATEMENT BY APPLICANT (use as many sheets as necessary)

Sheet

Complete if Known				
Application Number	To be assigned			
Filing Date	November 21, 2003			
First Named Inventor	John H. SANTHOFF et al.			
Art Unit	To be assigned			
Examiner Name	To be assigned			
Attorney Docket Number	30287-15			

			U.S. PATI	ENT DOCUMENTS	
Examiner Initials		Document Number Number - Kind Code ² (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2003/0048212A1	03/13/2003	Libove et al.	
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		us- 5,793,413	08/11/1998	Hylton et al.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code3 -Number4 - Kind Code5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	τ ^e	
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		.	OL COURT	Application Number	To be assigned	
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(use as many sheets as necessary)				Group Art Unit	To be assigned To be assigned	
				Examiner Name		
Sheet	4	of	4	Attorney Docket Number	30287-15	

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		FERNANDO RAMIREZ-MIRELES, "On Performance of Ultra Wideband Signals in Gaussian Noise and Dense Multipath," Paper 99C265, Accepted for Publication in the IEEE Transactions on Vehicular Technology, Pages 1-9.					
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		HENNING F. HARMUTH, "Frequency-Sharing and Spread-Spectrum Transmission with Large Relative Bandwidth," IEEE Transactions on Electromagnetic Compatibility, Vol. EMC-20, No. 1, February 1978, Pages 232-239.					
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Signature	Considered	

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